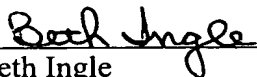


CERTIFICATE OF MAILING

The undersigned hereby certifies that the following have been served upon the Honorable Commissioner of Patents & Trademarks by depositing the same in the United States mail, via Express Mail No. EL 634 029 764 US, this 14th day of September 2001.

- (1) Transmittal Letter to the United States Designated/Elected Office Concerning a Filing Under 35 U.S.C. 371;
- (2) Fee Transmittal for FY 2001;
- (3) Copy of Notification of Missing Requirements under 35 USC 371;
- (4) Petition for Extension of Time (Large Entity) ;
- (5) Executed Declaration (6 Pages);
- (6) Assignment Recordation Cover Sheet with Attachments (5 Pages);
- (7) Check in the amount of \$680.00 representing the requisite filing fees; and
- (8) Return Postcard.

  
Beth Ingle

EL634029764US

TRANSMITTAL LETTER TO THE UNITED STATES  
DESIGNATED/ELECTED OFFICE (DO/EO/US)  
CONCERNING A FILING UNDER 35 U.S.C. 371

KSN0013

U.S. APPLICATION NO. (IF KNOWN, SEE 37 CFR  
09/831,415INTERNATIONAL APPLICATION NO.  
PCT/DE99/03493INTERNATIONAL FILING DATE  
2 November 1999PRIORITY DATE CLAIMED  
10 November 1998

## TITLE OF INVENTION

ELECTRICAL COMPONENTS FOR PRINTED CIRCUIT BOARDS AND METHOD FOR AUTOMATICALLY  
INSERTING SAID COMPONENTS IN PRINTED BOARDS

## APPLICANT(S) FOR DO/EO/US

Reginald Leeman, Bernard Houteman, Georges Embo, and Edgard Acke

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☐ This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
2. ☒ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
3. ☐ This is an express request to begin national examination procedures (35 U.S.C. 371(f)) at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. 371(b) and PCT Articles 22 and 39(1).
4. ☐ A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date.
5. ☐ A copy of the International Application as filed (35 U.S.C. 371 (c) (2))
  - a. ☐ is transmitted herewith (required only if not transmitted by the International Bureau).
  - b. ☐ has been transmitted by the International Bureau.
  - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
6. ☐ A translation of the International Application into English (35 U.S.C. 371(c)(2)).
7. ☐ A copy of the International Search Report (PCT/ISA/210).
8. ☐ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3))
  - a. ☐ are transmitted herewith (required only if not transmitted by the International Bureau).
  - b. ☐ have been transmitted by the International Bureau.
  - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
  - d. ☐ have not been made and will not be made.
9. ☐ A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
10. ☒ An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)).
11. ☐ A copy of the International Preliminary Examination Report (PCT/IPEA/409).
12. ☐ A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).

## Items 13 to 20 below concern document(s) or information included:

13. ☐ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
14. ☒ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
15. ☐ A **FIRST** preliminary amendment.
16. ☐ A **SECOND** or **SUBSEQUENT** preliminary amendment.
17. ☐ A substitute specification.
18. ☐ A change of power of attorney and/or address letter.
19. ☒ Certificate of Mailing by Express Mail
20. ☒ Other items or information:

Copy of Notification of Missing Requirements; FY2001 Transmittal Sheet; Petition for Extension of Time;  
Check No. 015355 in the amount of \$680.00; Return Postcard

U.S. APPLICATION NO. (IF KNOWN SEE 37 CFR 1.53) <b>09/831,415</b>	INTERNATIONAL APPLICATION NO. <b>PCT/DE99/03493</b>	ATTORNEY'S DOCKET NUMBER <b>KSN0013</b>
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21. The following fees are submitted: <b>BASIC NATIONAL FEE ( 37 CFR 1.492 (a) (1) - (5)) :</b> <input type="checkbox"/> Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO or JPO ..... <b>\$1,000.00</b> <input type="checkbox"/> International preliminary examination fee (37 CFR 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO ..... <b>\$860.00</b> <input type="checkbox"/> International preliminary examination fee (37 CFR 1.482) not paid to USPTO but international search fee (37 CFR 1.445(a)(2)) paid to USPTO ..... <b>\$710.00</b> <input type="checkbox"/> International preliminary examination fee paid to USPTO (37 CFR 1.482) but all claims did not satisfy provisions of PCT Article 33(1)-(4) ..... <b>\$690.00</b> <input type="checkbox"/> International preliminary examination fee paid to USPTO (37 CFR 1.482) and all claims satisfied provisions of PCT Article 33(1)-(4) ..... <b>\$100.00</b> <b>ENTER APPROPRIATE BASIC FEE AMOUNT =</b>				<b>CALCULATIONS PTO USE ONLY</b>  <div style="border: 1px solid black; height: 100px; width: 100%;"></div>	
Surcharge of \$130.00 for furnishing the oath or declaration later than <input type="checkbox"/> 20 <input checked="" type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492 (e)).				<b>\$0.00</b>	
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE		
Total claims	20 - 20 =	0	x \$18.00	\$0.00	
Independent claims	2 - 3 =	0	x \$80.00	\$0.00	
Multiple Dependent Claims (check if applicable). <input type="checkbox"/>				\$0.00	
<b>TOTAL OF ABOVE CALCULATIONS =</b>				<b>\$130.00</b>	
Reduction of 1/2 for filing by small entity, if applicable. Verified Small Entity Statement must also be filed (Note 37 CFR 1.9, 1.27, 1.28) (check if applicable). <input type="checkbox"/>				\$0.00	
<b>SUBTOTAL =</b>				<b>\$130.00</b>	
Processing fee of \$130.00 for furnishing the English translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492 (f)).				\$0.00	
<b>TOTAL NATIONAL FEE =</b>				<b>\$130.00</b>	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31) (check if applicable). <input checked="" type="checkbox"/>				\$160.00	
<b>TOTAL FEES ENCLOSED =</b>				<b>\$290.00</b>	
<b>09/20/2001 MKAYPAGH 00000020 09831415</b>				<b>Amount to be:</b> <b>refunded</b>	\$
<b>01 FC:154 130.00 0P</b>				<b>charged</b>	\$

- ☒ A check in the amount of **\$290.00** to cover the above fees is enclosed.
- ☐ Please charge my Deposit Account No. \_\_\_\_\_ in the amount of \_\_\_\_\_ to cover the above fees.  
A duplicate copy of this sheet is enclosed.
- ☒ The Commissioner is hereby authorized to charge any fees which may be required, or credit any overpayment to Deposit Account No. **02-0387** A duplicate copy of this sheet is enclosed.

**NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.**

SEND ALL CORRESPONDENCE TO:

Eric J. Groen  
 Baker & Daniels  
 205 West Jefferson Blvd., Suite 250  
 South Bend, IN 46601  
  
 Tel. (219)234-4149  
 Fax. (219)239-1900

SIGNATURE

Eric J. Groen

NAME

32,230

REGISTRATION NUMBER

September 14, 2001

DATE

# FEE TRANSMITTAL for FY 2001

Patent fees are subject to annual revision.

## Complete if Known

Application Number	09/831,415
Filing Date	November 2, 1999 (IA Filing Date)
First Named Inventor	Reginald Leeman
Examiner Name	
Group Art Unit	
Attorney Docket No.	KSN0013

TOTAL AMOUNT OF PAYMENT **\$680.00**

## METHOD OF PAYMENT

1. ☒ The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit Account Number **02-0387**

Deposit Account Name **Baker & Daniels**

- ☒ Charge Any Additional Fee Required Under 37 CFR §§ 1.16 and 1.17

☐ Applicant claims small entity status. See 37 CFR § 1.27

2. ☒ Payment Enclosed:

☒ Check ☐ Credit card ☐ Money Order ☐ Other

## FEE CALCULATION

### 1. BASIC FILING FEE

Large Entity Fee Code	Small Entity Fee Code	Fee Description	Fee Paid
101 710 201 355		Utility filing fee	
106 320 206 160		Design filing fee	
107 490 207 245		Plant filing fee	
108 710 208 355		Reissue filing fee	
114 150 214 75		Provisional filing fee	
SUBTOTAL (1)			

### 2. EXTRA CLAIM FEES

Total Claims	Extra Claims	Fee from below	Fee Paid
<input type="text"/>	-20** = <input type="text"/>	X <input type="text"/>	= <input type="text"/> 0.00
Independent Claims	- 3** = <input type="text"/>	X <input type="text"/>	= <input type="text"/> 0.00
Multiple Dependent			= <input type="text"/>

Large Entity Fee Code	Small Entity Fee Code	Fee Description	Fee Paid
103 18 203 9		Claims in excess of 20	
102 80 202 40		Independent claims in excess of 3	
104 270 204 135		Multiple dependent claim, if not paid	
109 80 209 40		** Reissue independent claims over original patent	
110 18 210 9		** Reissue claims in excess of 20 and over original patent	

SUBTOTAL (2) **\$0.00**

\*\*or number previously paid, if greater; For Reissues, see above

## FEE CALCULATION (continued)

### 3. ADDITIONAL FEES

Large Entity Fee Code	Small Entity Fee Code	Fee Description	Fee Paid
105 130 205 65		Surcharge - late filing fee or oath	<input type="text"/> 130.00
127 50 227 25		Surcharge - late provisional filing fee or cover sheet	
139 130 139 130		Non - English specification	
147 2,520 147 2,520		For filing a request for <i>ex parte</i> reexamination	
112 920* 112 920*		Requesting publication of SIR prior to Examiner action	
113 1,840* 113 1,840*		Requesting publication of SIR after Examiner action	
115 110 215 55		Extension for reply within first month	
116 390 216 195		Extension for reply within second month	<input type="text"/> 390.00
117 890 217 445		Extension for reply within third month	
118 1,390 218 695		Extension for reply within fourth month	
128 1,890 228 945		Extension for reply within fifth month	
119 310 219 155		Notice of Appeal	
120 310 220 155		Filing a brief in support of an appeal	
121 270 221 135		Request for oral hearing	
138 1,510 138 1,510		Petition to institute a public use proceeding	
140 110 240 55		Petition to revive - unavoidable	
141 1,240 241 620		Petition to revive - unintentional	
142 1,240 242 620		Utility issue fee (or reissue)	
143 440 243 220		Design issue fee	
144 600 244 300		Plant issue fee	
122 130 122 130		Petitions to the Commissioner	
123 50 123 50		Processing fee under 37 CFR § 1.17(q)	
126 180 126 180		Submission of Information Disclosure Statement	
581 40 581 40		Recording each patent assignment per property (times number of properties)	<input type="text"/> 160.00
146 710 246 355		Filing a submission after final rejection (37 CFR § 1.129(a))	
149 710 249 355		For each additional invention to be examined (37 CFR § 1.129(b))	
179 710 279 355		Request for Continued Examination (RCE)	
169 900 169 900		Request for expedited examination of a design application	

Other fee (specify) \_\_\_\_\_

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) **\$680.00**

## SUBMITTED BY

Name (Print/Type) **Eric J. Groen**  
Signature 

Registration No. (Attorney/Agent)

32,230

## Complete (if applicable)

Telephone **(219)234-4149**

Date **September 14, 2001**

**WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on**

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.



UNITED STATES PATENT AND TRADEMARK OFFICE

REPLY OF

DOCKET 1

DOCKET 2

Commissioner for Patents, Box PCT  
United States Patent and Trademark Office  
Washington, D.C. 20231  
www.uspto.gov

U.S. APPLICATION NO. 09/831,415 FIRST NAMED APPLICANT LEEMAN ATTY. DOCKET NO. R KSN0013

09/831415

INTERNATIONAL APPLICATION NO.

PCT/DE99/03493

I.A. FILING DATE

PRIORITY DATE

11/02/99

11/10/98

DATE MAILED:

06/08/01

**NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)**

1. The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as:

- ☐ a Designated Office (37 CFR 1.494) ☒ an Elected Office (37 CFR 1.495):
- ☒ U.S. Basic National Fee. ☐ Indication of Small Entity Status.  
☒ Copy of the international application. ☒ Translation of the international application into English.  
☒ Oath or Declaration of inventors(s). ☐ Translation of Article 19 amendments into English.  
☐ Copy of Article 19 amendments. ☐ Other:  
☒ Priority Document.  
☒ The International Preliminary Examination Report in English and its Annexes, if any.  
☐ Translation of Annexes to the International Preliminary Examination Report into English.

2. ☐ Applicant has requested early processing under 35 U.S.C. 371(f) but has not filed the following indicated items and/or the indicated items in paragraph 3 below. The Basic National Fee and the copy of the international application must be filed prior to 20 or 30 months from the priority date to avoid abandonment.

- ☐ U.S. Basic National Fee. ☐ Copy of the international application.

3. The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- ☐ a. Translation of the application into English. A processing fee will be required if submitted later than the appropriate 20 or 30 months from the priority date.  
☐ The current translation is defective for the reasons indicated on the attached Notice of Defective Translation.
- ☐ b. Processing fee for providing the translation of the application and/or the Annexes later than the appropriate 20 or 30 months from the priority date (37 CFR 1.492(f)).
- ☒ c. Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), properly identifying the application (preferably by the International application number and international filing date). A surcharge will be required if submitted later than the appropriate 20 or 30 months from the priority date.  
☒ The current oath or declaration does not comply with 37 CFR 1.497(a) and (b) for the reasons indicated on the attached PCT/DO/EO/917.
- ☒ d. Surcharge for providing the oath or declaration later than the appropriate 20 or 30 months from the priority date (37 CFR 1.492(e)).

4. Additional claim fees of \$ \_\_\_\_\_ as a ☐ large entity ☐ small entity, including any required multiple dependent claim fee, are required. Applicant must submit the additional claim fees or cancel the additional claims for which fees are due (37 CFR 1.492(g)). See attached PTO-875.

5. ☐ Applicant has not submitted the required sequence listing pursuant to 37 CFR 1.821-1.825. See attached PCT/DO/EO/920.

**ALL OF THE ITEMS SET FORTH IN 3(a)-3(d), 4 AND 5 ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 22 OR 32 MONTHS (where 37 CFR 1.495 applies) FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.**

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

6. If box 3a or 3c is checked, a translation of the Annexes **MUST** be submitted no later than the time period set above or the Annexes will be cancelled. A processing fee will be required if submitted later than 20 or 30 months from the priority date.

7. ☐ The Article 19 amendments are cancelled since a translation was not provided by the appropriate 20 (37 CFR 1.494(d)) or 30 (37 CFR 1.495(d)) months from the priority date.

Applicant is reminded that any communication to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above. (37 CFR 1.5)

**A copy of this notice MUST be returned with this response.**

Enclosed: ☒ PCT/DO/EO/917 ☐ Notice of Defective Translation  
☐ PTO-875 ☐ PCT/DO/EO/920

Lamont Hunter, Paralegal

FORM PCT/DO/EO/905 (March 2001)

Telephone: 703 305-3686

RECEIVED

JUN 14 2001

BAKER &amp; DANIELS



## UNITED STATES PATENT AND TRADEMARK OFFICE

Commissioner for Patents, Box PCT  
United States Patent and Trademark Office  
Washington, D.C. 20231  
www.uspto.gov

U.S. APPLICATION NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
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09/831415

LEEMAN

5611

INTERNATIONAL APPLICATION NO. P2000/013

I.A. FILING DATE PCT/DE03/02493 PRIORITY DATE

ERIC J GROEN  
BAKER & DANIELS  
205 WEST JEFFERSON BLVD  
SUITE 250  
SOUTH BEND IN 46601

DATE MAILED 02/99 11/10/98

06/08/91

**NOTIFICATION OF A DEFECTIVE OATH OR DECLARATION**

This application fails to contain an oath or declaration acceptable under 35 U.S.C. 371(c)(4) for entry into the national stage in the United States of America. The period within which to correct the deficiency noted below and avoid abandonment is set in the accompanying Notification.

A new oath or declaration, properly identifying this application (preferably by the international application number and international filing date) is required. The oath or declaration does not comply with 37 CFR 1.497(a),(b) and (f) in that it:

1. ☒ is not executed in accordance with either 37 CFR 1.66 or 37 CFR 1.68.
2. ☐ does not identify the application to which it is directed.
3. ☐ does not identify the inventor(s).
4. ☐ does not identify the citizenship of each inventor.
5. ☐ does not state that the person making the oath or declaration believes the named inventor or inventors to be the original and first inventor or inventors of the subject matter which is claimed and for which a patent is sought.

FAILURE TO SUBMIT AN OATH OR DECLARATION IN COMPLIANCE WITH 37 CFR 1.497(a) AND (b), AND 1.497(d) WHERE APPROPRIATE, WITHIN THE TIME PERIOD SET WILL RESULT IN FAILURE TO ENTER THE NATIONAL STAGE AND THE ABANDONMENT OF THE APPLICATION.

Additionally, the oath or declaration does not comply with 37 CFR 1.63 in that it:

1. ☐ does not identify the mailing address of each inventor. If the residence is different from the mailing address, then the city and state or city and foreign country of residence of each inventor must also be given.
2. ☐ does not state that the person making the oath or declaration:
  - a. ☐ has reviewed and understands the contents of the application, including the claims, as amended by any amendment specifically referred to in the oath or declaration.
  - b. ☐ acknowledges the duty to disclose to the Office all information known to the person to be material to patentability as defined in 37 CFR 1.56.
3. ☐ does not identify the foreign application for patent or inventor's certificate for which a claim for priority is made pursuant to 37 CFR 1.55, and any foreign application having a filing date before that of the application on which priority is claimed, by specifying the application serial number, country, day, month, and year of its filing.

Lamont Hunter, Paralegal

Telephone: 703 305-3686